

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

Claims 1 - 24 (Canceled)

Claim 25. (Currently Amended) A thermoplastic composition comprising a mixture of a polyamide ~~and/or polyester~~ matrix with at least:

- (i) a first additive of formula $R-Z_u$, in which:
~~R is a hydrocarbon radical optionally comprising one or more heteroatoms, wherein R comprises 2 to 100 carbon atoms,~~
~~u is an integer greater than or equal to 1,~~
~~and~~
~~Z is an acid, amine or alcohol functional group selected from the group consisting of isophthalic acid, terephthalic acid, adipic acid, trimesic acid, 2,2,6,6-tetrakis (β -carboxyethyl)cyclohexanone, 3,5,3',5'-biphenyltetracarboxylic acid, 1,3,5,7- naphthalenetetracarboxylic acid, 3,5,3',5'-benzophenonetetracarboxylic acid, and 1,2,4,5-benzenetetracarboxylic acid; and~~
- (ii) a second additive (B) obtained by a reaction between at least:
 - a) one monofunctional compound of formula (III):



selected from the group consisting of n-hexadecylamine,

n-octadecylamine, n-dodecylamine, and benzylamine;

- b) one branching compound of formula (IV):



selected from the group consisting of 5-aminoisophthalic acid,

3,5-diaminobenzoic acid, 3,4-diaminobenzoic acid, and mixtures

thereof;

- c) optionally, one multifunctional compound of formula (I):



and

- d) optionally, one bifunctional monomer of formula (II) or a corresponding cyclic form



selected from ε-caprolactam, the corresponding amino acid and

mixtures thereof;

in which:

R^1 , R^2 , R^3 and/or R^4 represent, independently of each other, a hydrocarbon radical optionally comprising one or more heteroatoms;

X and Y are antagonist reactive functional groups capable of reacting with each other to form an amide bond;

n is an integer ranging from 3 to 50;

m is an integer ranging from 2 to 10;

and with the proviso that R, R¹, R², R³ and R⁴ do not comprise an amine, acid or alcohol functional group capable of forming an amide and/or ester bond, and

(iii) reinforcing glass fibers,

said composition having: (1) smooth impact resistance and/or notched impact resistance greater than compositions having the same composition except for the second additive B, or (2) lower viscosity than compositions having the same composition except for the second additive B than compositions having the same composition except for the second additive B.

Claim 26. (Previously Presented) The thermoplastic composition as defined by Claim 25, comprising from 0.01 to 5% by weight of the first additive (i) relative to the total weight of the composition.

Claim 27. (Previously Presented) The thermoplastic composition as defined by Claim 25, comprising from 0.01 to 20% by weight of the second additive (ii) relative to the total weight of the composition.

Claim 28. (Cancelled)

Claim 29. (Currently Amended) The thermoplastic composition as defined by Claim 25, wherein the first additive (i) is selected from the group consisting of isophthalic acid, ~~terephthalic acid, adipic acid, trimesic acid, and~~ 2,2,6,6-tetrakis (β -carboxyethyl)cyclohexanone, ~~diaminopropane-N,N,N',N'~~ tetraacetic acid,

~~nitrilotrialkylamines, trialkylenetetraamines, tetraalkylenepentaamines, 4-aminoethyl-1,8-octanediamine, 3,5,3',5'-biphenyltetracarboxylic acid, acid derivatives of phthalocyanine and naphthalocyanine, 1,3,5,7-naphthalenetetracarboxylic acid, 2,4,6-pyridinetricarboxylic acid, 3,5,3',5'-bipyridyltetracarboxylic acid, 3,5,3',5'-benzophenonetetracarboxylic acid, 1,3,6,8-acridinetetracarboxylic acid, 1,2,4,5-benzenetetracarboxylic acid, 1,3,5-triazines, 1,4-diazines, melamine, compounds derived from 2,3,5,6-tetraethylpiperazine, 1,4-piperazines, tetrathiafulvalenes, 2,4,6-tri(aminocaproic acid)-1,3,5-triazine, dodecylamine, octadecylamine, piperidine, benzylamine, aniline, hexanoic acid, palmitic acid, stearic acid, oleic acid, benzoic acid, behenic acid, polyalkylene oxides comprising at least one amine or acid functional group, glycol, trimethylolpropane, glycerol, pentaerythritol, sorbitol, mannitol, monosaccharides, and/or a mixture thereof.~~

Claim 30. (Cancelled)

Claim 31. (Cancelled)

Claim 32. (Previously Presented) The thermoplastic composition as defined by Claim 25, wherein the multifunctional compound of formula (I) is selected from the group consisting of 2,2,6,6-tetrakis(β -carboxyethyl)cyclohexanone, diaminopropane-N,N,N',N'-tetraacetic acid, nitrilotrialkylamines, trialkylenetetraamines and tetraalkylenepentaamines, 4-aminoethyl-1,8-octanediamine, 3,5,3',5'-biphenyltetracarboxylic acid, the acid derivatives of phthalocyanine and naphthalocyanine, 1,3,5,7-naphthalenetetracarboxylic acid,

2,4,6-pyridinetricarboxylic acid, 3,5,3',5'-bipyridyltetracarboxylic acid, 3,5,3',5'-benzophenonetetracarboxylic acid, 1,3,6,8-acridine tetracarboxylic acid, trimesic acid, 1,2,4,5-benzenetetracarboxylic acid, 1,3,5-triazines, 1,4-diazines, melamine, the compounds derived from 2,3,5,6-tetraethylpiperazine, 1,4-piperazines, tetrathiafulvalenes, 2,4,6-tri(aminocaproic acid)-1,3,5-triazine, polyalkylene oxides containing at least three acid or amine functional groups, and/or mixtures thereof.

Claim 33. (Currently Amended) The thermoplastic composition as defined by Claim 25, wherein the bifunctional compound of general formula (II) is selected from the group consisting of ϵ -caprolactam and/or the corresponding amino acid: ~~aminocaproic acid, para- or meta- aminobenzoic acid, 11-aminoundecanoic acid, lauryllactam and/or the corresponding amino acid, 12-aminododecanoic acid, caprolactone, 6-hydroxyhexanoic acid, and oligomers and/or mixtures thereof.~~

Claim 34. (Canceled)

Claim 35. (Currently Amended) The thermoplastic composition as defined by Claim 25, wherein the monofunctional compound of general formula (III) is ~~selected from the group consisting of n-hexadecylamine, n-octadecylamine, n-dodecylamine, benzylamine, aminomethylphosphonic acid, sulfanilic acid, sulfobenzoic acid, betaine, and/or mixtures thereof.~~

Claim 36. (Currently Amended) The thermoplastic composition as defined by Claim 25, wherein the branching compound of formula (IV) is ~~selected from the~~

~~group consisting of 5-aminoisophthalic acid, 6-aminoundecandioic acid, 3-aminopimelic diacid, aspartic acid, 3,5-diaminebenzoic acid, 3,4-diaminebenzoic acid, lysine and/or mixtures thereof.~~

Claims 37-40. (Canceled)

Claim 41. (Previously Presented) The thermoplastic composition as defined by Claim 25, wherein the content of terminal acid and amine groups of the second additive (ii) ranges from 0 to 300 meq/kg.

Claim 42. (Previously Presented) The thermoplastic composition as defined by Claim 25, comprising a polyamide matrix of a (co)polyamide selected from the group consisting of polyamide 6, polyamide 6,6, polyamide 4, polyamide 11, polyamide 12, polyamides 4-6, 6-10, 6-12, 6-36, 12-12, and copolymers and mixtures thereof

Claim 43. (Cancelled)

Claim 44. (Cancelled)

Claim 45. (Currently Amended) A process for the preparation of a thermoplastic composition as defined by Claim 25, comprising mixing at least the first additive (i) and the second additive (ii) with the polyamide and/or polyester matrix.

Claim 46. (Currently Amended) A process for the shaping of an article by forming a thermoplastic composition as defined by Claim 25, comprising the ~~extrusion, molding, injection or drawing~~ thereof.

Claim 47. (Previously Presented) A shaped article formed from the thermoplastic composition as defined by Claim 25.

Claim 48. (Cancelled)